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**IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE**

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Application Number: 09/879,480  
Applicants: Jack C. Whittier, Barbi A. Riggs, Patrick D. Burns and George Seidel  
Filed: June 12, 2001  
Title: Integrated Herd Management System Utilizing Isolated Populations of X-Chromosome Bearing and Y-Chromosome Bearing Spermatozoa  
TC/A.U: 1634  
Examiner: Carla J. Myers  
Assignee: Colorado State University through its agent Colorado State University Research Foundation  
Attorney Docket: HrdMgmtCIP  
Customer No.: 33549

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**ASSOCIATE POWER OF ATTORNEY UNDER 37 C.F.R. §1.34(b)**

I, Luke Santangelo, USPTO Registration Number 31,997, as principal attorney in the above-identified application for Letters Patent, hereby appoints:

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as associate attorneys with full power.

Dated this 15<sup>th</sup> day of December, 2004.

Respectfully submitted,

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